STIC-Biotech/ChemLib

From: Sent:

Gibbs, Terra Wednesday, November 20, 2002 7:46 PM STIC-Biotech/ChemLib

To:

Subject:

Seq search

Could you please do a regular sequence search of SEQ ID NO:1 of Serial no. 09/844915?

Terra Gibbs #79523 AU 1635 Mailbox 11E12 306-3221

THANK YOU!

Point of Contact P Sheppard Telephone number (703) 308-4499

Searcher:
Phone:
Location:
Date Picked Up:
Date Completed: /2/3/02
Searcher Prep/Review:
Clerical:
Online time:

TYPE OF SEARCH:
NA Sequences:
AA Sequences:
Structures:
Bibliographic:
Litigation:
Full text:
Patent Family:
Other

VENDOR/COST (where applic.)
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ALIGNMENTS

FEATURES Source		COMMENT	REFERENCE	ORGANISM	VERSION KEYWORDS SOURCE	RESULT 1 EM920066/c LOCUS DEFINITION
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17-22 Suchino-cho, Teurumi-ku, Yokchama, Kanagawa 220-0045, Japan Pel, 81-45-503-922
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Enkaryota, Meracas, Chordara, Craniata, Vertebrata, Extelecstomi,
Mammalia, Eurheria, Rodentia, Schurognathi, Muridae, Murinae, Mus.

In (bases 1 to 651)

Arakawa, T., Carninci, P., Pukuda, S., Furuno, M., Hanagaki, T., Hara, A.,

Hirmwote, F., Hori, F., Ichil, Y., Ito, M., Fawai, T., Funci, H., Frida, M., Frya, S., Matsuyara, T., Myazaki, A., Nemura, P., Chro, H., Sosaki, P., Shibata, F., Takeda, Y., Tanaka, T., Toya, T., Pifell Mause Ests (Arakawa, T., or al. 2001)
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Division of Experimental Animal Research in Piken countilities in
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The Institute of Physical and Chemical Research (RIKEN)
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Please visit out web site (http://genome.gsc.riken go.jp/) for
further details.
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Email: ogaphs-römmail nih gov
Tissue Procurement. Dr. Mintro Ko, Dr. Janet Possent, Dr. Janet
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Martonal "hody: Institut", Canopr Genome Apatomy Project (CGAP),
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Mammalia, Euthoria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
(bases 1 to 647)
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The following repetitive elements were found in this cDMA sequence 1 27, AT rightLiw "ormlexity "marched complicate" in 127, SPHTTO#SINE/Alu
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/Strain="C57BL/GT"
/db xref="taxon:10090"
/clone="U1-1-CF0-axf-h-06-0-U1"
/clone=ib="Nor1 CGAP pitr1"
/tissue_typo."TrophoFlas:"
/lah host -"piine [life Technologies)"
/note="Organ: Placents, Vector: pf7T3-Pac (pharmacia) with a modified gillicker, Site_: EcoP [, Site_C | Ecor I]
NCI_GGAP_Plfr1 is a subtracted cDMA library constructed according to Behaldo, Lennon and Scares, Genome Persayoh, 6:791-806, 1996. First strand cDMA synthesis was primed with an oligo-dT primer containing a Not I site. Double stranded cDNA was ligated to an EcoP I adaptor, digested with Not I, and cloned directionally into F7T3-Pac vector The cligorutle-Tide used to grime the synthesis of first-strand cDMA contains a library tag sequence that is
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EDGP/HHMI Drosophila EST Project
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TAG LIBRUI-1-CPO
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/lab host."E. Coll strain XIAO-Gold, TI-resistant, P."
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//w. T. The Dink Muscollus (STRIL6) (mall) was obtained from the Jackson Laboratory Muscollus Strained (from the Jackson Laboratory Muscollus) (heared by repetted passage through a gone hydrolynamically sheared by repetted passage through a gone inch nor frie at remaining which the DNA polymerase and T4 polymerase from a darked by the blunt ends in high molar excess. The adaptored DNA was purified in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative againse gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [9] [4] for LDTC11. [4] [ARLD1070.1], a cusp number inducible derivative of placed molar excess by was aligated with adaptors implementary to the insert single and parameted to adaptors and punified. The sheared mouse by was annealed to adaptored where a first single to the form was annealed to adaptored mouse first was annealed to
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Email: genome resages riken.go.jp,
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Carning.p. Mishiyamay, westever.A. Iroh, M. Hagacka, E., Casaki
.N. /kacaki, P. Mishiyamates, N. and Hayachiaaki, Y.
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Y. and Hayashizaki, Y. Shibata, Miscaki, M
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Laboratory (Gr. Genemic Exploration Research Group, RIKEN Genomic
Sciences Center (GSC), Yokhama Institute
The Institute of Physical and Chemical Research (RIKEN)
1, 7, 2, Suehitro-cho, Tsurumi Ku, Yikohama, Kanagawa 230-0045, Japan
Pax. 81-45-503-9226
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GAGAGAGAGAGACCATITITITITITITIVN 31], cDNA was
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Fukaryota, Metacoa, Chordata, Craniatu, Vertebrata, Euteleustomi,
Mammalia, Eutkeria, Rodentia, Solutognuthi; Muridae, Murimae, Mus.
1 (bases 1 to 311)
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1 (bases 1 to 325)

Dias Noto, E., Garcia Correa, P., Veriovski, Almoida, S., Custa, E. P., Marai, M. A., et alin, S., Custa, E. Catarrhini, A. da Silva, W. Jr., Caga, M. A., Paia, G.S., Simpson, D. H., Coldman, G. H., Carvalho, A. P., Matsukama, A., Paia, G.S., Simpson, D. H., Brunstein, A. deoliveira, B. S., Pucher, P., Jongoneel, C. V., O'Haro, M.J., Soares, F., Brentani, P. P., Peis, I. F., de Scura, S.V., and Starrage and Colora, S.V., and Starrage and St
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This sequence was derived from the FAPESP/LICE Human Cancer Genome Project. This entry can be seen in the following URL (http://www.ludwig.mrg.ki/mr/fgts/genhtml:fl-leQViit.gu-mm.org
080301-614-b07&t3=2001-03-08&t4=1)
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Laboratory of Cancer Senetics
Ludwig Institute for Cancer Research
Pua Prof Antonio Prudente 109, 4 andar, 01509.010,
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Cryta sativa (japonica cultivar group)
Eukaryota; Viridiplintae; Streptophyra; Embryophyta; Trachecklyra
Spermanophyra; Magnoliophyra; biliopeida; Foalws; Roaceae;
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Elizabes I to 366)
Sasaki, T., Miyao, A. and Tahaboto, K.
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Pax: (206) 616-3887

Email: jwallacetu.washington.edu
Seguence Tagged Connector

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RICC1103BA Rice green shoot
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High Throughput Sequencing Center
University of Washington
401 Queen Anne Avenue North, Seattle,
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Mahaitas, C.C., Wallack, T.C., Ceith, F., Charts, I.C., Holman, Mahaitas, C.C., Wallack, T.C., Ceith, F., Charts, I.C., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Furlong, J., Young, J., Zhao, S., Adams, M. Beelley, A., Shaker, R., Shake
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Class: BAC ends
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Fax: 81 298-38-7468
Email: tsasakinabr.affrc.go.jp.
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National Institute of Agrobiological Resources
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High quality requesce stop:
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Rm. 309, Biomedical Polymers Desearch Pidg., DC S. Desc B., SEC, PT.
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5. mRNA sequence.
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Frail. (1948). Frail. nih.gov.
Tissue Procurement. definey B. Green, M.D.
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CDNA Library Arrayea Py: The I M.A.S. Consertium (LBML)
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Submitted (12-APR-2000)
This sequence is a single read and was generated as part of a large smale mine and sequencing project of the Tetradon nigroviridis genome. For more information, please take a look at horself-was genome styre institution.
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Prover Crolling H., Taillon, C., Dasilva C., Fizames, C., Fisher, Bonnon, L., Ellani, A., Querier, F., Saurin, W., Bernot, A. and
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Charamorization and repeat analysis of the compact genome of the freshwater pufferfish Terracion migror ridia.
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Mammalia; Eutheria; Pilmetes; Catarthini; Heminidae; Pan.
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/clone="FTB 012G14.R"
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Pred. No. 1.1e+17;
0; Mismatches 1;
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Maximum DB seq length: 20000000000
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Published_Applications_NA:*

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//gnc_6/prodata///pubpna/US07_NEW_PUB.seq:*
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Listing first 45 summaries
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Sequence 4 11, F	US-09-864-761.	4.		17.6	24	
Sequence 66, Appl	10 US-09-866-562-66	592		18.2	23	Ω
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TITLE OF INVENTION NUCLEIC ACID AMEDIFICATION
TITLE OF INVENTION NUCLEIC ACID AMEDIFICATION
TO HUMAN IMMUNODEFICIENCY VINUS TYPE
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Post Local Similarity 72.0%, Pred. No. 0.0053;
Matches 18; Conservative 7; Mismatches 0; Indels
                                                                                                                                                                     Query Match 100.0%, Score 25, DB 10, Length 27, Bust Losal Similarity 100.0%, Frod. No. 0.0053, Matches 25, Conservative 0; Mishertones 0; Indels
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SPQUENCE DESCRIPTION. SEQ 15 NO. 124:
                                STRANDEDAESS, single
TaboLoGY, linear
SECTEMOR RESCRIPTION SEC IN NO. 44:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORDEY/AGENT INFORMATION.
NAME: Warburg, Richard J.
FROISTFAILON RINNERS 3.337
KHENSKRICH/ROCKET RIMESE, 1.6/7
TELEFORMMISCATION INFORMATION.
TELEFORE (113) 489-1600
TELEFAX. (213) 555-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , Sequence 124, Application US/03766095; Patent No. US200206C2016Al general Information.
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INFORMATION FOR SEG 1D NO: 124.
SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
        TYPE: nucleic acid
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CUMFUTER READABLE FORM.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Los Angeles
STATE: California
~~UMTPY: USA
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APPLICANT: Glannoukakis, Nick

TITLE OF INVENTION: THE UDE OF TILEBOORNIC TRUCKS.

TITLE OF INVENTION: FOR ESTIMATION CLIBALERILLIT IN A HEST AND METHOD FOR TITLE OF INVENTION MAPPING THE PAWE

FILE REFERENCE. AC12737 / GLASSWORD

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Yeasing Yang
Tittle of intermion, Undirect AND Experiment
TO HIMAN PARKNESSHOLFERS (1998)
TO HIMAN PARKNESSHOLFERS VIRUS TYPE )
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Best Local Similarity 100 0%, Proj II, Annaly,
Matches 25, Conservative 6, Michaels 6, Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) OTHER INFORMATION, Synthe Lead no. New Yole temperatures of 09,844-916-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRESPONDED DESCRIPTION ADDRESSED LYON CONTRIBUTE ADDRESSED LYON A LYON CONDET. CIT WAS CLASS CONTY: LOS Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US 09 766 295-44

- Sequence 44, Application US/09766095

- Sequent No. USPANDENCY PATENT

- GENERAL INFORMATION.
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                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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LENGTH: 25
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3-09-992-964-12 Sequence 12, Application 09/09992964 Parent No. 0920-001/11/5/Al

1612 281

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GENERAL INFORMATION

APPLICANT: Ashkensat, Avi J.

APPLICANT: Baker, Kevin

APPLICANT: Wood, William

TITLE OF INVENTION. App-2DcR

FILE REFERENCE: P1110

CURRENT AFFLICATION HOMBER '05/03/333,364

COURRENT AFFLICATION HOMBER '05/03/333,364

COURRENT AFFLICATION HOMBER '05/03/333,364

PRICE STILLING DATE '077 07 18

PRICE STILLING TATE '077 07 18

NUMBER OF SEQ IF MOS. 17
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// ORGANISM. Homo sapiens
US-09-992-964-12
                                                                        COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE ? c inch, 1 44 Wh firey

COMPUTER IPM DO compatible

COMPUTER IPM DO compatible

FERALINI AVETY IPM CO.C.S./MS.C.I.S.

SOFTWARE WINDBALL (Genentech)

CURRENT APPLICATION DATA:

AFILIATI'N NAME: ISLICIALLS!

FILING PATE 01-Feb-2002

CLASSIFICATION L. C.KNOWN:

PRIOR APPLICATION NAME: ISLICALLS!

FILING DATE 11-Feb-2002

ATTOREY/AGENT INFORMATION:

REGISTRATION NUMBER: 35,600

FESERPHYS (COTYET NUMBER: 35,600

FESERPHYS (COTYET NUMBER: 51007E1

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION THORMATION:

TELECOMMUNICATION THORMATION:

TELECOMMUNICATION INFORMATION:

TEL
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Sequence 10, Application US/10081280
Patent NO. US20020165157A1
GENERAL INFORMATION.
APPLICANT: ASSNERDAZI, AVI J.
APPLICANT: ANYENTION. Apr. 2 LT ANY App. 3 FOLYEEFTILES NUMBER OF SEQUENCES 11
CORRESPONDENCE APPRESS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0%, Fred No 0.004,
Matches of Objects ive of Mismitches
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A AGGGACTITCCGCTGGGGGACTITCC 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY. South San Francisco
STATE: California
LENGTH: 29 base pairs
TYPE: Nucleir Arid
STRANDEDNESS: Single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 460 Point San Brune Blvd
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44 Mt. fl-pgy disk
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SEQUENCE 1. Application Conserved Servett H. SCISCOLL / CAI GENERAL INFERMATION:

APPLICANT: Achkendal, Avi J. APPLICANT: Chuntharapai, Anan AFPLICANT: Gurney, Austin APPLICANT: Wood, William I. APPLICANT: APPLICANT: APPLICATION HUMBER: US 60/049,911 PRIOR FILING DATE: 1997 96-18

RUMBER OF SEO ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) SEQ ID NO 12
TENGTH: 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : TYPE: DNA
; ORGANISM: Homo sapiens
Us-09-887-879 12
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100.0%; Score 25; TP %; Lenut: .
Best Local Complarity 190.0%; Pred. No. 0.0084;
Matched 21; Condetrative C. Michaels C. Itsele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                09 887 879-12
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMMITTER. IBM SC JUMPALIBLE
CERRATING STOTEM, 72 COS/MS-DOS
SOFTWARE: WillPatin "Genentech"
CURRENT APPLICATION NUMBER: US/09/993.244
FILING DATE: 17 NO. US/202/2146748A1 2001
CUASCOFFICATION: Unknown;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match 101.0% Score 25; DB 11 Local Similarity 100.0% Fred. No. 0.50% es 25; Comservative o, Mismatches
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ADDRESSEE: Genentech, Inc.
AIREEL 441 FLIAM Dan Bruin
DITY: South San Francisco
STATE: California
                                                                                                                                                                                                                             COUNTRY: USA
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SEO ID NO 5
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APPLICANT: Goldwari, Faul J.
APPLICANT: Goldwari, Faul J.
APPLICANT: Goldwari, Faul J.
APPLICANT: Mark, Melanie B.
APPLICANT: Marsters, Gold B.
APPLICANT: Marsters, Gold B.
APPLICANT: Fits B.
APPLICANT: Marsters, Foul B.
APPLICANT: Marsters, Foul B.
APPLICANT: Marsters, Foul B.
APPLICANT: Marster B.
APP
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                                                                                                      UTHER INFORMATION: Description of Unknown Organism. Unknown
ATTORNEY CHARACTER TEACH. TEACH. TEACH. TEACH. THE CHARACTER TEACH. THE CHARACTER TEACH. THE CHARACTER TEACH. THE CHARACTER TEACH TOWN THE CHARACTER TRYPER PROPERTION NUMBER: 35,600 PREPRESENCY TOTAL THE PROPERTION TO THE PROPERTION TO THE PROPERTION TO THE CHARACTER STATE THE PROPERTION TO SEQUENCE CHARACTERISTICS: LENGTH: 29 DASS PAIRS TYPE. NEW TO TO SEQUENCE THE CHARACTERISTICS: LENGTH TO SEQUENCE TO THE CHARACTER STATE THE CHARACTER STATE TO THE CHARACTER STATE THE CHA
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Patent No. US20020146389A1
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APPLICANT: Baker, Fevil P
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SENERAL INFORMATION
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LOCATION: 1-29
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ORGANISM Hakbown
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Sequence 4, Application US/10052798

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FRIGHT No. US2020106689A1
GENERAL INFORMATION:
APPLICANT: Faustman
APPLICANT: Hayashi
TITLE OF INVENTION: Wethors for Treating and Diagnosing Autoimmune Disease
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160.0%, Score DS, DB 1D, Dength D9,
Best Local Similarity 100.0%, Pred. No. 0.0034,
Matches DE, Conservative 0, Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDITM TTPE: 3 F inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DGS/MS-DGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CTREENT AFFLICATION DATA:

APELICATION NUMBER: US/10/050,798
FILING DATE: 05.NO. USCOCCESSEAL-2001
CLASSIERCATION. CHRICKN-
PRIOR APPLICATION DATA:
APPLICATION NAMES. US/09/079,029
FILING DATE: CURROWN-
ATTORNEY/AGENT INPORMATION:
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REGISTRATION NUMBER: 35,600
REFERENCE/FOCKET NUMBER: PIDDIRZ
TELEPROMMINICATION INFORMATION.
TELEPROMES: 650/255 5416
TELEPRAX: 650/952-9881
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JEQUENCE DESCRIPTION, SER ID NO. 4:
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                                                                                                                                                                                                                                             Eim, Eydig J.
TITLE OF INVENTION: App 2 Receptor
NUMBER OF SEQUENCES. 14
OURRESPONDENCE ADLRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE. Genertech, Inc.
CTREET: 1 DNA Way
CTR: South San Francisco
STATE: California
COUNTRY: USA
                                                                                               AFFLICANT: Adams, Camilia W.
Ashkenazi, Avi J.
Chuntharapai, Anan
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SEQUENCE CHARACTERISTICS:
LENGTH. 29 base pairs
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ORGANISM: Artificial Sequence
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Fateur No. USDOLLOISU985A1 GENERAL INFORMATION.
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US-09-031-629A-5
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APPLICANT: Vi Minkyung
ITTLE OF INVENTION SELLIGATION COMESIENT HEFATUTIS C VIRUS AND METHODS OF USE
FILE REBERENCE: 265 0.007 0.01
CTREENT AFTLINATION MITMARE TO FILITATION
CURRENT FILING DATE. 2000 12:23
BEFORE AFTLINATION MITMARE TO FILITATION
PRIOR FILING DATE. 1999 12:03
PRIOR FILING SETE. 1999 12:03
NUMBER OF SEQ ID NOS: 34
SOFTMARE: Patentin version 3.0
SEQ ID NO 18
LENGTH: 2239
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PALENT NU 1832023186568A1
GENERAL INFORMATION.
APPLICANT. MINERALS EXYSTADA
TITLE OF INVENTION FOUNDATION ANTITEICATION
FILE REFERENCE: GP104-02.UT
CURRENT APPLICATION NUMBER 16/09/043,296
CURRENT FILING DATE. 2001-08-32
NUMBER OF SE2 ID NOS. 0
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CEQ ID NO 1
LENGTH: 8933
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Patent No. MS22020155582A1
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                                                                                                                                                                                                                                                                                                                                                            09-943-286-3
                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: source LOCATION: (1)...(8933)
OTHER INFORMATION: Gequence of transcripts produced from the BH10
OTHER INFORMATION: plasmid.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
ORGANISM: Human Immunodeficiency Virus
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OTHER INFORMATION: Nuclearide sequence
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1 Similarity 72:0%; Fred. No. 0.012;
18; Codservative 7; Mismarches 5;
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Sequence 9, Application US/03941186
Facence MJ. COLCOCCOCCERA1
GENERAL INFORMATION:
APPLICANT: NUMERITION, EXCYNUCLEOTIDE AMPLIFICATION METHOD
PILE REFERENCE: GP104-92.UT
CUEFENT AFFLICACTION NUMERIC. CU/03/944/286
CURRENT FILING DATE: 2001-08-30
NUMERE 9F 2E2 IC NOS: 9
SOFTWARE: FactSeQ for Windows Version 3.0
SEQ ID NO 9
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PATENT NO. US20202006668A1

SEMERAL IMFORMATION:
APPLICANT: Nunomura, Kiyotada

TITLE 05 INVENTION: FOLENUTEBOTTE AMPLIE A

FILE REFERENCE: GP104-02_UT

CURRENT AFFELICATION NUMBER 185/09/941,286

CURRENT FILING DATE: 2001 08 30

NUMBER OF 5E0 ID NOS: 9
                                                                                                                                                                                                                                                       , OTHER INFORMATION. Sequence of the IAT Bas

MAME/KEY: mutation

, MORATION: (4140)...(4159)

OTHER INFORMATION: Mutated puritions: 4141

) OTHER INFORMATION: 4156 cm, 4151

US-09-943-286 9
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CHEER INFORMATION Mutated position, CHEER INFORMATION 4152-3, 4154
US-09-943-286-4
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  time
                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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8790 AGGGACTUTUCCGCTGGGGACTUTUCC +814
                                                                                   8790 AGGGACUUUUGGGUGGGGGACUUUGG
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1. (Typ: 6/products/inu/sa_lows_seq.*

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Copyright (c) 1993 2002 Compugen Ltd
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150.332 Million cell updatec/sec
Sequence 44, Apple Sequence 42, Apple Sequence 42, Apple Sequence 43, Apple Sequence 44, Apple Sequence 124, Apple Sequence 124, Apple Sequence 142, Apple Sequence 143, Apple Sequence 144, A
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Sequence 44. Application US/08477852

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Patent No. 11000xx110xx1 MMC PARTICLE

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TITLE TO INVENION UNDERSITE AND PARTICLE

PATENT NO. 1700 NO. 1700

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PATENTAL AND CASE NO. 1700

APPLICATION NOMBER US/18/40,745

FILING DATE INFO NO. 1700

APPLICATION NOMBER OF 1700 NO. 1712/85 OT/1700,501

PATENTAL AND INFO NO. 1700

APPLICATION NOMBER OF 1700 NO. 1712/86 OT/1700,501

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AFFLICAMT: Sherrol H. McDonough, Thomas B. Ryder,
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SEQUENCEAL INTERPRETATION
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TITLE OF INVENTION UNCEST AND INTEREST SECUENCE
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Query Match 1990/0%; Score 25; DE 1; Length 27; Best Local Similarity 1990/0%; Fred. No. 900002; Matchine 17, Index Sort No. 1990 18, Matchine 18, Matchine 18, Matchine 19, Matc
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MDDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: 18 No.2 Model SCI J. 352X
COMPUTER: 18 NO.2 Model SCI J. 352X
OPPORTING SYSTEM: 18 PC. 102
SOFTWARE WORDPITER: (V-15) OF
AFFLOATION NAMBER: US/05/419,852
FILING DATE:
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NAME: Warburg, Richard J.
REGISTRATION NYMBER 30.707
REPERSONNONICATION HERSEMATION
TELEPHONE: (213) 489-1600
TELEFAX. (213) 955-140
TELEFAX. (213) 955-140
TELEFAX. (223) 955-140
TELEFAX. (223) 955-140
REGISTRATION FOR 5EQ ID NO. 124.
SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
APPLITATION STABE TR. T9/19/143,745
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APELING DATE:
FILING DATE: 7/10/90
APELING DATE: 7/11/89
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1984479-852-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
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p Sequence 44, Application US/09462646 p Patent No. 9956098 p General Information.

S 08-462-646 44

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AFFICANT, Yeasing Yang
TITLE OF INVENTED.
TITLE OF INVENTED.
OLIGONOCLECTIDES AND PROBES
TITLE OF INVENTED. TO HEMAH IMMINIOPERITIENCY VIRUS TYPE I
NUMBER OF SEQUENCES: 199
CORRESPONDENCE ADDRESS.
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Patent No. 5856088
Fatent No. 585088
Fatent No. 5850888
Fatent No. 585088
Fatent No. 58508
Fatent No. 585088
Fatent No. 585088
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Libids, 500re 35, 58 L, bength 27, 5est Local Similarity 160.0%, Fred. No. 0.0612, Arches LS, Conservative 6, Mismarches 0, Indels
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611 West Sixth Street
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STREET: 611 West Sixth Street
CITY: Los Angeles
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET WUMBER: 196
TELECOMMUNICATION:
TELEPHONE (213) 489-1600
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LHFCHMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: 3.5" Dis
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STRAMBHNESS: single
POCLOGY: linear
US-J8 402-646-44
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STATE: California
CCUNTRY: USA
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US 08:462-646-124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
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Best 1771 1.7114117 72 78, Fred. Nr. 1.0712,
Matches 18; Conservative 7; Mismatches 0; Indels
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Patent No. 5871902
GENERAL INFORMATION:
         ZIP: 32606

ZIP: 32606

COMPUTER ERALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: FC-FG/MS-L-G
OPERATING SYSTEM: FC-FG/MS-L-G
OPERATING SYSTEM: FC-FG/MS-L-G
OPERATING SYSTEM: FC-FG/MS-L-G
OPERATING APPLICATION DAYA:
APPLICATION NUMBER: US/08/353,476
FILING DAYE:
CLASSIFICATION: 435
AUTOPNEY/AGENT INFORMATION:
NAME: Benden; Gerard H
REGERENCEFFOGGET NUMBER: GP-100
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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IMPORMATION FOR SEC ID NO.
SECHENCE CHARACTERISTICS:
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PERIOD NORTH TOWNS TOTAGE 1.05 JUN-1995
PERIOD NORTH TOWNS TOTAGE 1.05 JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Weininger, Susan
APPLICANT: Weininger, Arthur M
TITLE OF INVENTION REPORTED SECRETION OF CAN WITH A
TITLE OF INVENTION SECRETOR SECRETOR COMPOSITION
NUMBER OF SECRETORS. 117
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APPLICATION NUMBER 119 Sevial N
FILING DATE: 7/10/90
APPLICATION NUMBER 110 Selial Ne
FILING DATE: 7/11/89
ATTORNEY/AGENT INFORMATION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES. 1
CORPESPONDENCE ADDRESS:
ADDRESSED: Saliwanch
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TYPE: nucleic acid
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
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REGISTRATION NUMBER: 32.7327
REFERENCE COOKET NUMBER: 13-
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                       ADDREGARE Saliwanchik & Saliwanchik STREET: 2421 N.W. 41st St., Suite A-1 CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                   USA
(904) 372-5800
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E. 196/189
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Sequence 8, Application US/98353476
[ATEMAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Weininger, Susan
APPLICANT: Weininger, Atthut M
TITLE OF INVENTION: MUTHOD OF DETECTION F
TUTLE OF SEQUENCES: 117
CORPESSIONDENCE ADDRESS:
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TYPE: nucleic acid
STRANDEDNESS: both
TOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-CENSE: NC
US-08-353-476-7
                                                                                                                                              RESULT 6
US-08-353-476-8
                                                                                                                                                                                                                                                                   NAME: BUTJON, JULITY H

REFERENCE/POCKET NUMBER: GP-1

ILLECOMMUNICATION INFORMATION:

TELEFRONE: 1904 372-5800

TELEFRONE: 1904 372-5800

INFORMATION FOR SEC ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 27 base pairs

TYPE: 1904 375-815
                                                                           Matches
                                                                     Query Match 100.0%; Score 25; DR 2; Best Local Similarity 100.0%; Pred. No. 0.0012; Matches 25, Conservative C, Mismarches
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                                                                                                         Query Match
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Best Local
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MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE. Patentin Release #1.0, Versio
CURRENT AFFLICATION DATA:
AFFLICATION NUMBER. US/03/353,476
                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRECCE: Calimanchik & Galimanchik ATREET: L41 M.W. 41tt Ut., Utite A-1 CITY: Galmosville STATE: Florida COUWTRY: USA
                                                                                                                                                                                                                                  LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
2 AGGGACTTTCCGCTGGGGATTTTCC 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 AUGGACTTIC COCTOGGACTITEC 25
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cal Similarity (100.0%) Prod. No. (1011)

25; Convertuities () Mismatches ()
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                                                                                                                                                                                                                     linear
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                                                                                                           Length 27;
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                                                                                                                   APPLICATE State of Montrol B Montrol B Rydor,
APPLICANT Yeasing Yang
TITLE F INVESTITE AND AND PROBES
TITLE F INVESTITE AND AND PROBES
TITLE OF INVESTITE, TO HIMAL IMMONOSESTIBLOT VIRUS THE I
NUMBER OF SEQUENCES 139
COMMESSIONDESSI
ADDRESSED ADDRESSI
STREET BLAND LAND
STREET BLAND LAND
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APPLICANT: Fedsing Yang
TITLE OF INVENTION SHORTED AMPLIFICATION
TITLE OF INVENTION SHOWN INVENTIONS AND PROBES
TITLE OF INVENTION TO HENAN INMITTABLE BLOTT YIELD TYPE 1
NUMBER OF SEQUENCES: 139
CORPERSONSENTE ANDRESS:
ADDRESSES: 1201 1 1/201
STREET: 611 West Sixth Streat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query March Berling 100.03, Score 25, DB 4, Length 27, Berlind 10, 0.012, 100.08, Prod No. 0.012, Matches 25, Conservative 0, Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION DATE: 7/10/90
FILING DATE: 7/10/90
FILING DATE: 7/10/90
FILING DATE: 7/11/89
ATTUREN/ADENT INFORMATION:
NAME: Warburg, Richard U
REGISTRATION NUMBER: 32,327
REPERENTE/OCKET WINDER: 194/199
TELECOMONICATION NUMBER: 194/199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: 3.5" Dishette, 1.44 Mb storage (*Mrtwep 182 ps() v 8.1 rng 1.100x OPERATION System 184 p.C. Dos (Version 3.0) SOFTWREE WordPortect (Version 5.0) UDREWT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US/09/01/406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 124, Applination "P(Ana)1496
Patent No. 6252659
GENERAL INFORMATION:
BESULT 7
US 09 013 406-44

Sequence 44, Application 19,09012406
Patent No. 625069
Datent No. 625069

SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION:
APPLICATION DATA:
APPLICATION NUMBER: US/475,852
FILING DATE:
APPLICATION NUMBER: US/475,852
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPLITER READARLE FORM.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS. single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                       STREET: 611 West Signal CITY: Los Angeles STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CATION NUMBER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                          90017
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US 09 013 406 124
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100.0%; Score 25; DB 4; Length 27; 72.0%; Pred. No. 0.0012; ivc 7, Mismatches 0, Indels
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                                                                                                                                                                                                                                                                                                                                                    US S Serial No. 4252059 07/479,501
                                                                      COMPUTER PREMABLE FORM:
MELINATIVES 3.5" Diskette, 1.44 Mb storage
COMPUTER: 3.5" Diskette, 1.44 Mb storage
COMPUTER: Tax PS/2 Model 50% of 50%
GUERATING SYSTEM: IBM P.C. DOS (Version 4.30)
GUERENT APPLICATION LAIA:
APPLICATION NUMBER: US/09/013,406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIVM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-LOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER. US/09/079,029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Windatin (Genentech)
CURRENT APPLICATION LATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Apo-2 Receptor
                                                                                                                                                                                                                                  CLASSIFICATION:
FRICR APPLICATION DATA:
APPLICATION NUMBER: 08/479,852
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 AGGGACTITICGGCTGGGGACTITICC 25
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APPLICANT: Adams, Camilia W.
APFLICANT: Ashkenazi, Avi J.
APFLICANT: Chuntharapai, Anan
APPLICANT: Kim, Kyung J.
ITLE GF INVENTION: Apo-2 Recept
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                        ADELICATION NUMBER. 9-5-5011
FILING DATE: 7/10/90
APPLICATION NUMBER: 0.5-2011
FILING DATE: 7/11/89
ATTORNEY/ADENT INFORMATION:
NAME: WALLER, RICHARD BERTER, BICHARD BERTERPORTED NUMBER: 196/75TRF TOWNER TOWNER TELETONEY (213) 489-1600
TELETONE (213) 955-0440
TELETONE (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 4, Application US/09079029
                                                                                                                                                                                                                                                                                                                                                                                                                                    30,327
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNET/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               nucleic acid
  Los Angeles
California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic aci
STRANDEDNESS: sin
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
Matries 18, Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
                                       USA
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                                                                                                                                                                                                                                                                                            FILING DATE:
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                                       COUNTRY:
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CITY:
STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGI: Linear
US-08-928-369-14
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US-08-928 069 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIE: 94080
COMPUTER PEADARTE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: FC-DOS/MS-UNS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
AFFLICATION WIMPES
AFFLICATION WIMPES
AFFLICATION WIMPES
11-Sep-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 14, Agrilation US/ANTOROFT Patent No. 646216

GENERAL INFORMATION: ASSESSED APPLICANT: ASSESSED AVI J. TITLE OF INVENTION. Apr 3 FOLYFEFTIES NUMBER OF CENTERISES. 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cherry Match
Best Local Cimilarity 100.0%, Field No. 1.
Matches Of Conservative of Mismatches
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INFORMATION FOR 510 IC NO 4
SEQUENCE CHARACTERISTICS:
LENGTH. 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                      Marchine
                                                                                                                           GLICK KLOTE
                                                                                                                                                                                                                                                                                                                              ACCLICATION NUMBER 1850-46/0-46-4
FILING DATE: 11-Sep-1997
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 0.474
APPLICATION: 0.474
APPLICATION: 0.474
APPLICATION: 0.474
APPLICATION: 0.474
ATTORNES: 0.474
ATTORNES: MAISCHARG; 0.10 and L.
REFERENCE/DOCKET NUMBER: p1052R1
TELECOMMUNICATION: 18FORMATION:
TELECOMMUNICATION: 18FORMATION:
TELECOMMUNICATION: 650/225-5416
                                                                                                                                                                                                                                                                   IMPOPMATION FOR CEC ID NO. SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 35,600 FERENCE CONTROL WAVEER TELECOMMENTATION INFORMATION TELEPHONE: 650/025 5416
                                                                             y March
Local Similarity 100.0%; pred. No. 6 co12;
bea 25, Cincertifut o, Mistar New 1;
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STREET: 1 DNA Way
CITY: South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 ANDRACTITOTA TRADARACTITICC 25
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TGPGLÖGY: Li
1 AGGGACTITOCGCTGGGGACTITCC 25
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, Sequence lo, Application bay norm.

Facent Mo. 6469144

GENERAL INFORMATION.

APPLICANT. Ashkenazi, Av. 7

TILLE OF INVENTION. App. 5 11 AND Apr. 4 POLYBERTICS.

NUMBER OF SEQUENCES. 6
                                                                                                                                                                                                               RESULT 12
US-08-484-397A-25
, Sequence DS, Application US/08484397A
, Patent No. Escans5
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TS: TR: GCP FRRA-TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Juan, Shao-Chieh
APPLICANT: Lichberstein, Henri S.
APPLICANT: Wright, Samuel D.
APPLICANT: Wright, Samuel D.
ANTITUE OF INVENTION. ANTITUTE INFLAMMATURE FOLG SOLVEBRYTHES
                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                        -16-818 683A-10
                                                      NUMBER OF SEQUENCES: 38
THEFF INTERPOSES: ANDRESS:
ANDRESSEE ANGEN INC
THEFT 104 PHENTILLE PRINT
COITY: Thousand Oaks
ZIP: 91320-1789
COMPUTER READABLE FORM
                                            STATE:
                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                      Match 100.0%; Score 25; 1884; Levoth 29;
Local Similarity 100.0%; Fred. No. 0.002;
La 25; Constitutive ", Mishatches ", Intels
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear SEQUENCE DESCRIPTION: SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: WinPatin CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94080
COMPUTEE SECAMBLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mt f.oppy disk
COMPUTEE: IBM PC compatible
CPERATING SYSTEM: PC-DOS/MS-DOS

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 29 base pairs
TYPE: Nucleic Acid
eTRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: South San Fr
STATE: California
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7: 1 DNA Way
7: Sab Francisco
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Gabs
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TITLE OF INVENTION: IFARMS. A T CELL PATHWAY RESILACIEN GENE
NUMBER OF SEQUENCES: 164
                                                                Query Match
100.0%; Score 15, LB 2, bength 33;
Best Local Similarity 100.0%; Fred. No. 0.0012;
Matches 25, Conservative 0; Mismatches 0, Indels
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lou.0%; Pred. No. 0.0013;
tive 0, Mismatches 0; indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              l Similarity 100.0%, Fred. No. 0.00
15, Conservative C, Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRENT ADDITORN: RC-1005/MS-DOS
CORRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/405,590
FILING DATE: 05-JUN-1995
PPIGE APPLICATION DATA:
APPLICATION NUMBER: US 08/38,212
FILING DATE: 02-MAX-1294
PPIGP APPLICATION DATA:
APPLICATION NUMBER: US 08/121,439
FILING DATE: 14-SEP-1993
PRICE APPLICATION DATA:
APPLICATION NUMBER: US 07/946,233
FILING DATE: 14-SEP-1993
ATT-STRENCATION NUMBER: US 07/946,233
ATT-STRENCATION NUMBER: US 07/946,233
ATT-STRENCATION NUMBER: US 07/946,233
FILING DATE: 14-SEP-1992
ATT-STRENCATION NUMBER: US 07/946,233
FILING DATE: UNMBER: US 07/946,233
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: LAHIVE & COCKFIELD
60 STATE STREET, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      KESULT 15

US-08-711-417C-142

, Sequence 142, Application US/08711417C

Patent No. 6218611

; GENEPAL INFOPMATION.
                                                                                                                                                                                                                                                                                                             . Sequence 142, Application Us/08465590
, Patent No. 5824770
, DENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MATTER PEATABLE FORM:
MEDIUM TYPE: Floppy disk
CUMPUTER: PER PC comparible
OPERATING SISTEM: FC-bus/MS-bus
                                                                                                                                                           1 AGGGACTITOCGCTGGGGACTITCC 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 Apparent proportional Apparent 25
                                                                                                                                                                                 3z Assam TTTCGGCTGsgGACTTTCC 8
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (617)227-7400
TELEBAX: (617)227-5941
INPORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 36 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 16
CURKESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOFOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: EOSTON
STATE: MASSACHUCETTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOFOLOGY: linear
MCLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
Matilies 15, Conserval
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
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                       US-U8-484-397A-26
                                                                                                                                                                                                                                                                                               US-08-465-590-142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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                                                                                                                                                                                                                                                                            RESULT 14
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101 %, Pred M. Johlb,
170 0, Mismatched 0, Indels
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APPLICANT: Lichenstein, Henri S.
APPLICANT: Lichenstein, Henri S.
TITLE OF INVENTION AUTT INFLAMMATION (FL4 FORFPFTIDES
NUMBER OF REPORTERED 9
CORRESPONDENTE ALDRESSEE: AMGENING.
MEDIUM TYPE, FIGEPY JICK
COMPUTER: IRM PC compatible
OPERTING SYSTEM: PC-EGS/MS-TOR
SYGTWARP: Patentil Belease #1.0, Vorsion #1.30
CURRENT APPLICATION DATA
APPLICATION NUMBER: US/CS/164,397A
FILING PATE: O' IN 1995
CLASSIFICATION: 424
ATTOMAC: Curry, Daniel R.
REGISTRATION NUMBER: A-324A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 804/447.1000
TELEPHONE: 804/447.1000
TELEPHONE: RACK447.1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COERATING SYSTEM: DC-EDGE/MS-DGS
SCHWARD: PATCHTIN PG1498 #1 0, Version #1 30,
CURRENT APPLICATION DATA:
AFCLIANT MINERE
FILING DATE: 0.7 UN 1395
CLASSIFICATION: 424
ATTENDATE: MINEREMINES
NOT UNITY, Daniel R.
REGISTRATION: WPREE: 20,777
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TELECOMMUNICATION INFORMATION
TELEPHONE: 805/447:1000
TELEFAX: 805/447:1000
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SEQUENCE CHARACTERISTICS;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 91320-1789
OMPUTER PRADARYE FORM:
MEDIUM TYPE: Floppy dick
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STEANDEDNESS, cingle
TOPOLCGY: linear
MOLECULE TYPE: GDNA
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STRANDEDNESS: slugle:
TCPOLOGY:_linear
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CITY: Thousand Daks
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Matcher
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APPLICANT Georgopoulos, Matia A.
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MUNIES CT INVESTITA TARRAN FRANKA SEME
MUNIES CORRESPONDED ADDRESS CORRESPONDED ADDRE
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NF kappaB binding
HIV enhancer negat
HIV target requenc
Target binding reg
Target binding reg
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Primer for the amp
NF KB transcriptio
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(without alignments)
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score greater than or equal to the score of the result being printed,
and is degived by analysis of the total ocore distribution.
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1. (71712) 1913ata/peneseq/ Jenneseqh. embl/NA1967.1A1.

2. (71712) 1913ata/peneseq/ Jenneseqh. embl/NA1967.1A1.

4. (81502) 4954ata/peneseq/ Jenneseqh. embl/NA196.0A1.

5. (81502) 4954ata/peneseq/ Jenneseqh. embl/NA1986.0A1.

7. (81502) 4954ata/peneseq/ Jenneseqh. embl/NA1986.0A1.

8. (81502) 4954ata/peneseq/ Jenneseqh. embl/NA1986.0A1.

7. (81502) 4954ata/peneseq/ Jenneseqh. embl/NA198.0A1.

7. (81502) 4954ata/peneseq/ Jenneseqh. embl/NA198.0A1.

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GenCarr version 5.1.3
Copyright (0) 1993 - 2002 - Compagen 19.
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                                                                                                                                      December 1, 2012, 16.20.42
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Maximum DB seq length: 200000000
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Max[mim March
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No.
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a "NF-kappaB binding site"

Location/Qualifiers 2..11 /*tag= a

misc_feature

Synthetic.

/note= "NF-kappaB binding site"

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/note= " 16..25 /*tag=

misc feature

of Air List, Litthe Usisefl. 28-APR-2000; 2000US-200479P

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antidithibiti, longualsapprosibe; antidasthmatic; antibacterial;
nephrotropio, antidatherosclivotic, anti NIV; ds.
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AAV45402
AAT30604
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AAVS43E3
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AAH1731
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                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The invention relates to a tolerogenic denditie cell (1) complising an obligate object. (1) is useful for minimizing tolerogeneity in a Early binding sites. (1) is useful for eminimizing tolerogeneity in a Early binding sites. (1) is useful for eminimizing tolerogeneity in a Lary binding sites or an instantial host, (a transplant host, i. s. him a Type I diabetes or an instantial host, i. and administering it to the host. The method further preparing (1) and administering it to the host. The method further preparing (1) and administering it to the host. The method further proposed in the proposed of the proposed by a stantage triple active proposed by also useful for treating diabetes. Eminible to survival and for ameliorating in laminatory related discusses such as autolimized discusses, such as autolimized discusses, such as autolimized spectro since, lung autolimized arthritis, autolimized discusses as thus, septic since, hung autolimized activities, atherosocialists and AIDS. The present iterosis, giomerulonephritis, atherosocialists and AIDS. The present
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tolerogenic dendritic cell, useful for enhancing rolerogenicity in mammulian lost and treating asthma and septic shock, comprises pligoderoxyribonuclestide having one or more nuclear factor kappaB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 25 BP; 3 A; 7 C; 8 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABL58385 standard; DNA; 25 BP
                                                                                                                                                                                                                                                                                                                                                                     Tolerogenicity; dendrite; nuclea: factor, RF-kappaB; antidiabetic; antiarrhritic; immunosuppressive; antiasthmatic, untibacterial; nephyorropic; antiatherosclerotic; anti-HIV; ds.
                                                                                                                                                                                                                                                                                                                                                                                                                                          NF-kappaB binding sites containing antisense ODN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABL58385;
                                                                                                                                                                                                                                                                                       misc_feature
                                                                                                                                                                                                                                                                                                                                         synthetic.
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                                                                                                                                                                                                                                       misc feature
                                                             28 APR-2000: 2000US-200479P.
                                                                                                                                   J8-NOV-2001.
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Robbins PD,
                                                                                                27.APR-2001; 2001WO-US13661
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 Lu L,
                                                                                                                                                                                                                                                                                                            Location/Qualifiers
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                                                                                                                                                                                                         /note: "NF-kappaB binding site
                                                                                                                                                                                                                                               15..24
                                                                                                                                                                                                                                                          /nore_ "NF-kappaB binding site"
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     Giannoukakis N;
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     RESULT 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The invention relates to a tolerogenic dendritic cell (I) comprising an oligodeoxyribonucles (d) having one or more nuclear factor (NF)-
which binding sites. (I) is useful for enhancing tolerogenicity in a chapter binding sites. (I) is useful for enhancing tolerogenicity in a newmanishment of the factor of th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tolerogenic dendritic cell, useful for enhancing tolerogenicity in mammalian host and theating asthma and septic shock, comprises oligodeoxyribonucleotide having one or more nuclear factor kappaB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WFI, 2002-034509/04.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sequence represents an ODN complianing two HE-Raipab binding sites.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Purified protein binding to nucleotide sequence - with islet cell specific negative regulatory element of gastrin
                                                                                                                                                                                                                                                                      WPI; 1990-178799/23.
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protein binding site is similar to numan interferon gene element, and may thus be used to regulate expression of interferon and other genes containing such elements.

Protein may be used to inhibit gastiin expression, and thus
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                                                                                                                         Disclosure; ; pp; English.
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100.0%; Fir4 No. 0.047;
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Saps

C, Mismatches

Matches 25, Conservative

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Query March
Best Local Similarity 100.0%; Pred. No. 9.947;
Maithea II, Transviv ov. 0, Michalibes
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                                                                                                                                                                                                 ANTAQUEZ 19119, and Anid-tol 1929.cccccc HIV turget corrected These sequences on its server present by Antid-19419. The best because the probability of the property of the antid-19419 the property of the application primers (nich as ANT40182 and ANT4018), and a prime two amplification primers (nich as ANT40182 and ANT4018), and a prime two amplification primers (nich as ANT40182 and ANT4018), and a prime the application of the amplification of the approach size of improved the bring of the application of the antider of their or of the application of the action of the approach size of improved the bring the application of the action of the approach size of the application of the action of the complex of an also be used to produce multiple applies if a turget sequence for use of the complex of the target sequence.
                                                                                                                                              C
                                                                                                                                                                                                                                                                                                                                                                                                                                                        HIV, probe, prove, amplify, polymerase chain reaction, microbraniom,
BCL-2; PCR; hepatitis B virus; HBV; CML; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Detection of HIV mucleic acids in samples - using new specific oliqe-nucleotide(s) for the amplification and detection of target
                                                                                                                                              ·.
unwanted development of gastiin dependent islet cells in islet tumours and neonatal hesidioblastosis.
                                                                                                          100.0%, Coore 25, DB 11, Length 27;
100.0%, Pred. No. 0.047;
                                                                                                                                              C; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 27 AP; 4 A; A C; 8 G; 7 T; C OTher;
                                                                      sequence at PP, 4 A, and, 9 G, 7 I, 9 other;
                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human immunodeficiensy virus type 1.
                                                                                                                                                                              1 AGGGACIITGGGGGGGACIITGG 25
                                                                                                                                                                                                                  1 AGGGACTITOGGIGGGGACTITOS 25
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                                                                                                                                                                                                                                                                                                            AAT40192 standard; DNA; 27 BF.
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                                                                                                    Ouery Mich
Best Local Similarity 160.01
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                    25.APR-1997 ·first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                        HIV target sequence #11.
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                                     See also AAU:4499.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10-JTL 1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          11 JIII - 1989;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              M. Istandi, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EP731175 A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     11 SEP 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            sednebas.
                                                                                                                                                                                                                                                                                                                                                AAT40132;
                                                                                                                                                                                                                                                                       RESULT 4
AAT40192
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100.0%, Court DS, DB 17, Neigtl D7, 100.0%, Pred, No. 0.047;

Query Matt. Best foral similarity

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AATHORNI-TIOG14 represent target binding regions TPP of a probe of the invention. The probe of the invention contains a TPP, a boose of funding regions of the invention contains a TPP, a boose of funding regions (EDM), and an optimized by the public contains at least one finding accentive the property of the property of the property of the public contains at least one more of the property of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Target binding assembly, nucleud and redegation dail. WE sappa F. SPI, TATA, human papiliomatives, NFV, NFV ED, Edman, immendedationency virus. HIV LTR, Tat binding unit, probe, assembly cognence, assembly sequence, nuclear localisation signal sequence, human cell, HPV LTR, HIV, becteria.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Probe mudlerd acids, target binding assemblies, etc. for detection and localisation of specific nuclets and sequences, esp. HIV and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Disclosure, Page 66, 172pp, English.
1 AGGGACTITCCGCIGGGGACTITCC 28
                                                                                                             5 AGGRANTITION TO BE GRANTITICE 27
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                                                                                                                                                                                                                                                                                                                                                                                                            AAT30587 standard, DNA; 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19-FEB-1997 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Target binding region #7.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               07-DEC-1995;
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                                                                                                                                                                                                                                                                                              RESULT 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Taryan binding assembly, numbers acid recognition unit, NF.Kappa-B; SP1; TATA, human papillumavitus; HFV; HPV E2; human immunodeficiency virus; TATA, human papillumavitus; HFV; HPV E2; human immunodeficiency sequence; HIV; Tat binding unit; probe; assembly sequence; asymmetry sequence; nuclear localisation signal sequence; human cell; HFV LTE; HIV; bacteria; nuclear localisation signal sequence; human cell; HFV LTE; HIV; bacteria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAT30588
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                                                                                          Matches
                                                                                                                                                   Query March
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           09-DEC-1994;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Weininger AM,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Disclosure; Page 66; 172pp; English.
                                                                                                                                                                                                                                                                                                                                                                                   and an OSA. The passers y sequence and asymmetry sequences are that and an OSA. The folding and association of the gars. The that is separated to the gars of the folding and association of the gars. The human responsible for the folding and association of the gardenery vitus (HIV) ITR AREPORE 195401 are selected that it is sequence is an oligopeptide, which papiliomavirus (HPV) E2. HPV LTR, human immunodeficiency vitus which papiliomavirus (HPV) E2. HPV LTR, human immunodeficiency vitus which and down to interfere with NAK function, but provides stability and containing of the TBA. The white of the TBA is the an income that the paper of the TBA is the sequence of the TBA is the stability of the graph of the gardener of the g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AGGGACTTTCCGCTGGGGACTTTCC 25
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                                                                                                                                                                                                                                                       sequence 27 BP; 4 A; 7 C; 9 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                 including bacteria and viruses.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   be nucleic acids, target binding assemblies, etc - for detection localisation of specific nucleic acid sequences, esp. HIV and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1996-287199/29
                                                                                               Local Similarity
nes 25; Conserv
: AGGGACTTTCCGCTGGGGACTTTCC 25
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                                                                                                   Conservative
                                                                                                             100.00,
                                                                                                                                                   ing us, Score 25; DB 17; Length 27; ing us, First March 47;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 primer for the amplification of HIV-1 sequences
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                                    AAU 14616
                                                     RESULT 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           probe: primer; detection; amplification; identification; diagnosis;
HIV-1; human immunodeliciency virus, HTIV-1; AIDS;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HIV-1; human immunodetictency virus, HTLV-1; ALDS; human immunodetictency virus; acquired immune deficiency syndiome;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         synthetic.
                                                                                                                                                Matches
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היים
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      26-MAR-1993;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          28-SEP-1994.
                                                                                                                                                                                                                                                                                                                                                                                                                Mcdonough SH, Ryder TB,
                                                                                                                                                                                                                                                                                                                                                                                                                                          (GENF-) GEN-PROBE INC
                                                                                                                                                                                                                                                                                                                                                                                    WPI; 1994-295780/37
                                                                                                                                                                                                                         Probes and primers specific for HTV 1 were coentified by comparison of published sequences of HTV-1, HTV-1, HTV-1 and HTIV-2 and were then synthesised the primers odn to used for the selective amplification of HTV-1 nucleic acid in a sample and may therefore be useful in detection methods. See AAQ/A500 74532.
                                                                                                                                                                                                                                                                                                                                             selective amplification and as hybridisation probes for detection
                                                                                                                                                                                                                                                                                                                                                           New originarlychides corresponding to HIV-1 sequences - used for
                                                                                                                                                                                                                                                                                                     Claim 9; Faye 4, 69pp; English.
                                                                                                                                                                                                                                                                                                                                    of HIV-1.
                                                                                                                                                                                                  Sequence 28 BP; 4 A; 8 C; 8 G; 7 T; 1 other;
                         AA274616 standald; RNA, 28 BP
AAQ74616;
                                                                                                                                                              <u>Local</u>
                                                                                           1 AGBGACTTTCCGGCTGGGGACTTTCC 25
                                                                                                                                                   25;
                                                                                                                                                               similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (first entry)
                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93US-0040745.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /notes "N may be alment or is a 5' oligonuclectide sequence which is specifically recognized by an enzyme, a.g. the promoter sequence for T7, an enzyme, a.g. the promoter sequence or T7, and SIG RNA polymerase, which enhances in triatiation or elongation of RNA transcription by an kNA polymerase. The sequence may be by an kNA polymerase. The sequence may be e.g. 5'-AATTTAATACUACTATAGGGAGA-3'"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     94EF-0302196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
                                                                                                                                                                 100.0%, ESCIE 25; DB 15; Length 28; 100.0%; Ercy PS 0 748;
                                                                                                                                                                                                                                                                                                                                                                                                                            Yang Y;
                                                                                                                                                      u; Mismatches
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binding motif
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18-NOV-1997;
                                                                                                                                                                                                                                                       CARRY 1094.
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                                                                                                                                                                      19-OCT-1994
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    Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAX59847;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Maton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A.A.X.59847
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps

    10.13 ft. a sample and may therefore the
same AAPP4500-74532 and AAPP4531-DP4523

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                                                                                                                                                                                                     Probe, primer, Jehestion, amplification, identification, diagnosis,
HTV 1, heren memonodeficiency tires, HTV 1, AIDC,
himan Tooll leukaamia virus, acquired immune deficiency syndrome,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New oligomationalides corresponding to HTV 1 sequences used for selective ampirfication and as hybridisation probes for detection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MF KB, transcription forter, broding moilf, antibody, detection,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ó
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                                                                                                                         Primer for the amplification of HIV-1 sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 28 BP; 4 A; 8 C; 8 G; 7 U; 1 other;
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                                        35 MAY-1995 (first entry)
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misc feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         28-MAR-1994;
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The Einding of the transcription factor (TF) to its binding motif is passed by: (1) binding the TF or its binding motif to a solid phase, (2) incubating TF and its binding motif, (3) adding a labelled antibody specific for TF or its binding motif, if the antibody is directed against the immobilised reactant then it will compete with the other reactant for binding, (4) separating the solid and liquid phases, and (2) determing the amount of label in one of the phases as a measure of the binding between TF and its
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Determing together, one component immobilised, and reaction with labelled antibody, in Severa artivated cells for diagnosis of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DMAIDSES, tumini meericsis (actor honologue) receptor SITF)
immunista, antibidy, applicate, marralian sancer celli-
tamian meiriste (actor (TMF) alpha secretion, primary T. Celli-
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100.0%; Pred, No. 0.049;
time. 7, Mismatches. 5, 10341.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ashkenazi AJ, Baker KP, Godowski PJ, Gurney AL,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Duggler I, Hingeler Y, III. Finger H;
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                                                                                                                                                                                                                                                                                                                         (BOEF ) BOEHRINGER MANNHEIM GMBH.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cancer and autoimmune disease.
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The present sequence represents a NF-kappaB specific oilgonucleotide of probe, used in the souther of the invention. The specification describes of interpretation describes of interpretation describes of interpretation probes for e.g. isolating similar sequences, year of derive hybridisation probes for e.g. isolating similar sequences, year of apping, generic analysis, etc. Nucleic acids which encode DMA1935 can not seem to generate transgenio of knockout animals, which are useful in the development and streamed of therapeutically useful or eagents. The DMA1935 priyaptines may be used in diagnostic analysis from the seceptor GMIR in mammalian tissues. The detect the presence of the receptor GMIR in mammalian tissues. The polypopides can also be used as immunicans to raise antibodies. The polypopides may also be used to induce apoptosis in mammalian canner polypopides may also be used to induce apoptosis in mammalian canner of the color (MMP) alpha in primary Tocalis, safer but also decids a proinflammatory response in mammalian cells.
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NF-KappaB-dependent transcription. JHK/SAKF-d-Lendent response;
cancer; hybridisation; probe; 85.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NF-kappaB specific oligonucleotide probe.
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                                                                                                                                                  Wait, 1999 1287790 104
                                                                                                                                                                                                                                                                       10.0CT 1997;
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The present invention describes a human tumour necrosis factor (TNF) and lymphotoxin homologue designated Apo-3 ligand. Apo-3 ligand has cytostatic activity. Apo-3 ligand can be used to induce apoptosis in
                                                                                                              New human Apola ligand (a tumbul moderals fattor) homologue
                                                                                                                                                                                            Ashkenazi AJ,
                                                                                                                                                                                                                               (GETH ) GENERATECH INC
                                                                                                                                                                                                                                                                                        17-DEC-1997;
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                                                                         Example 4; Page 38; 74pp; English.
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100.0%; Fred. M. 0.4P;
tive 0; Mismatches U;
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RESULT 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human NF kappa B oligonucleotide probe-
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                               guery Match
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                                                                                                                                                      This synthetic oligonucle-tide is used as a probe for MF-kappa B mucleotide sequences. It was used in experiments to demonstrate nucleotide sequences. It was used in experiments to demonstrate activation of NF-kappa B by Apc. 2 lidgand (see AAW88410). The activation relates to Apo 2DcR (see AAW88408), a novel member of the invention relates to Apo 2DcR (see AAW88408), a novel member of the mount of the section of the section of the section and is involved in apoptions. Apo _LCR [--1,peptides are used to and is involved in apoptions. Apo _LCR [--1,peptides and reatment of introdegeneration, autonomicule diseases and restment of introdegeneration, autonomicule diseases and inflammation. The Apo-2DcR polymetrides are optionally used in inflammation with Apo-2 ligand, the bloavailability of which is conjunction with Apo-2 ligand, the bloavailability of which is not a section of the 
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                                                                                        sequence 29 BP; 4 A; 8 C; 9 G; 8 T; 0 other;
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4 AGGGACTITITIGGGGGACTITIC 28

AAV72528 Standard; DVA; 29 BP

AAV72528;

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                                               AP Paper of position of agental estade probe #1
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97US-0857216.
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The present invention describes burnen App. App. Plan to used to the respectivity of indice of present inventions assembled with decreased applicable until the useful cancer.

There is the inventions assembled with decreased applications.

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Ouery Match Best Local Similarity 100.0%; Pred No 6.04%; Matches IS, Conservitive S. Mireriber C. IARDs C. ·,

1 AGGGACTITICOGTGGGGACTITIC 25

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4 AGGGACTTTGCAGATGGGGAGATTTGG 28

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NF kappa P inhibition; nuclear factor kappa-B, SSK-1 inhabition; alvesagen synthas Kindon (Alvesta) harborated and a solder; cancer; and acceptance of a solder; and a solder; all and a solder; all and a solder; a
                                                                                                                                                                                                                                           AAN124297 standard; DNA; 29 BP
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RESULT 14
                                                                                                        AAH24297
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WOZOCIATESS AZ.

05-JUL-2001.

21-DEC-2000; 2000WO-CA01578

Chuntharapai A, Kim KJ;

9908 0172064. 23 - DEC - 1999; CNIA) ONTARIC CANCER INST

Li. J. Wildgett J. REPETURE E.

WPI; 2001-418157/44.

Inhibiting nuclear factor-kappa-B activity in a cell for treating asthma, lupus, scleroferma, manner, psortable, inflammation, comprises contacting the cell with an inhibiting of pycogen synthus kinase 3 m

Example 4, Page 21, 32pp, Suglish.

factor Pagga-P (NF Pagga-B in a cell via the use of an inhibition of addition related to a nethod of inhibition of addition by degree P (NF Pagga-B in a cell via the use of an inhibition of addition by degree P (NF Pagga-B in a cell via the use of an inhibition of addition related by degree P (NF Pagga-B in a cell via the use of addition of addition and a cell via the use of addition and a cell via the use of addition and a cell via the use of addition of addition and a cell via the use of the use of the use of the use of the use

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systemic shock, lung fibrosis, atherosclerosis and AIDS. The present sequence is an RMSA (electrophoretic mobility shift assay) probe convaining two tandem NF Kappa-B binding sites used to detect convaining two tandem NF Kappa-B binding sites used to detect convaining two tandem NF Kappa-B binding sites read with NF Kappa-B acceptable and the convaining statements and the convaining sites and the converse of the converse c
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Best Local Similarity Sequence 29 ot, i i., GSK-3b inhibitors 100.0%; Score 25; DB 22; Length 29; no a. (red. No 048; 1077.01. nden in

Ş 1 AGGGACTTTCCGCGGGGACTTTCC 25

Matches

Conservative

0; Mismatches

indele

5

MAP84483 AAF84483; (first entry)

AAF84483 standard; cDNA; 29 BP

NF kappa-B electrophoretic mobility snift assay (EMSA) probe Human Apo-2 receptor; caspase-dependent apoptosis induction; 25-JUN-2001

programmed cell death; pro-apoptotic; death domain, agunismic antibody; nuclear factor kappa B; [F karpa B arrivation; cancer; tumour; lumg cancer; [F karpa B arrivation; cancer] cance:; glioma; electrophoretic mobility shift ascay;

EMSA probe; ds Homo sapiens

WC200119861-A2 22-MAR-2001.

14 SEP-2000; 2000WO:US25436

16 SEP-1999; 99US:0396710

(GETH) GENENTECH INC

Ashkenazı AJ, Chuntherapai A, Kim KJ;

2001 266005/27

Apo-2 agonist antibody Inducing apoptosis in mammalian cells for treating cancer, comprises exposing mammalian cells or cancer cells expressing Apo-2 receptor,

Example 6; Page 53; 90pp; English.

The invention relates to a method for inducing apoptosis in mammalian of the invention relates the Apu-2 receptor protein (AAB73442, AAB73443). Comply which express the Apu-2 receptor protein (AAB73442, AAB73443). The Apu-2 receptor induces Apu-2 receptor mediated apoptosis. The Apu-2 agonistic antibody, which induces Apu-2 receptor mediated apoptosis. The Apu-2 receptor comply as Apu-2) is a member of the tumour distribution in the consist factor receptor (TNFR) family, and its natural ligand is the continuous factor (Apu-2), also known as TRALL). The Apu-2 receptor is able to trigger cappasa-dependent apoptosis, and is also able to activate to trigger cappasa-dependent apoptosis, and is also able to activate to trigger cappasa-dependent apoptosis, and is also able to activate to trigger cappasa-dependent apoptosis, and contains a death approximately after the factor Kappa B). The Apu-2 receptor is an objection, and contains a death approximately after the factor Kappa B) is a proposition and contains a death command in the cytoplasmic region (residues 324-332). It exhibits command in the cytoplasmic region (residues 324-332). It exhibits to apoptosis factor which also binds Apu-2L, than other apoptosis sinked receptor the Apu-2 receptor agonist monoclonal antibodies used in the method of the Apu-2 receptor agonism monoclonal antibodies used in the method of the invention are apoptosis and applicable in Apu-2-expressing method of the invention are apoptosis used in Apu-2-expressing method of the invention are apoptosis and applicable of the applic

8388 mammalian cancers, especially lung cancer, colon cancer and glioma. The present sequence represents an NF-kappa-B electrophoretic mobility shift assay (EMSA) probe used in an experiment which demonstrated that the Apo-2 receptor was able to activate NF kappa-B.

Sequence 19 BP; 4 A; 8 C; 9 G; 8 T; 0 other;

Matches Duery Match Best Local 1 AGGACTTTC000000363ACTTTC0 25 Similatity Conservative 100.0%; Secret 25, 0; Mismatches 0.048 DE 22; C Length 29; Inders С, عطيت

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/db_Atef="cason:2030"
/bite="Synthesized nucleatide sequence"
/ B c / g 3 t
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Sequence 8 from patent U2 Natiful.
AP035436
AR035436.1 GI:5952104
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Weininger, S. and Weininger, A.M.
Sequence-specific detection of nucleic acid hybrids using a
DNA-binding molecule or assembly capable of discriminating perfect
hybrids from non-perfect hybrids
Fatent: US 5871900 A 7 lu-FEB-1999;
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McDonough, S.H., Ryder, T.B. and Yang, Y
Detection of human immunodeficiency w
Patent, US Factors A 124 07 JAH-1999;

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                                       /organism='Artificial Sequence'
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Matches 25; Curvervative 7; Migmatches 0; Indels
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Matches 25; Conservative 9; Mismarches 9; Indels
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11 JML 1998 US 379501
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Paton: UP 199946778-A 17 23-PEB-1999;

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Probe for Acteoring Oligonucleotide,
B61343.1 31:13325905
3P:1999044778-A/17.
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Doppler C.D. Hinzpeter, M.D. and Stockinger, H.D.
Merbod of determining the binding of transcription factors mucheic acids
Patent: BP 0620439-A 2 19-CCT-1994;
ROBININGEN MAINHEIM GMBH (DE)
Other publication DE 4312399 941020;
1, 129
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Best Local Similarity 100.0% Prod. No. 6.13;
Matches 25, Conservative 7, Mismatches 7, Indels
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1 (bases 1 to 29)
Achkenari, A.J., Chunthoragai, A. and Kim, E.J.,
Apo-2 receptor antibodies
Fatent: WO 0119861 A 4 22-MAP-2001;
Genentech, Inc. (US)
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1 Similarity 100.0%; Pred No. 0.13;
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Fatent WO 9147533-A 1 05-201-2001;
THE CHARLO CANCES INSITIUTE (2A)
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TUTTER Author S.-C., Lindenstein, H.S. and Wright, S.D.

TUTTER Author C.J., Lindenstein, H.S. and Wright, S.D.

TUTTER Author S.-C., Lindenstein, H.S. and Wright, S.D.

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Location/Qualifiers

FEATURES

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